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Philosophical Transactions

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II. An Account of Mr Sam. Brown his Fifth Book of East India Plants, with their Names, Virtues, Description, &c. By James Petiver, Apothecary and Fellow of the Royal Society. To which are added some Animals sent him from those parts.

THese Plants were gathered at Salawacka and Keraputta Kaudoo, about 30 Miles from Madrafs, among Stony ground, Hills and Mountains, the colour of the Earth like rust of Iron : there are some moist places, but the ground is generally dry and hard.

Collected from the 23d of July to the first of August 1696.

180. Vifne crantee Malab.

S B.

180.

Convolvulus Bisnagaricus Myosotis folio.

Pluk. Tab. 9.

Alfines facie myosotis *Bisnagarica* frutescens flosculis pallide flavescentibus Plukenet. Phytograph. Tab. 9. Fig. 1.

Fig. 1.

H. Mal. v. xi.

Tab. 64. p.

an Vistnu Clandi Hort. Malab. Vol. xi. Tab. 64. p. 131. *Convolvulus Indicus* minor, *Alfines* folio, flore rubicundo purpureo *Comel.* in Hort. Malab. Vol. xi. p. 132. Flor. Malab. Fol. 22. Col.

131. Fl. Mal.

85. 2. id. fol.

22. 1. 2.

1. pl. 2. id. p. 85. 2. *an* Auricula Muris Camelli Mfs.

The Flowers of this Plant are Blue, and not of a pale yellow, as Dr Plukenet asserts. The Decoction is good in Hectick Fevers, Consumptions, &c. Which the Hort. Malab. confirms, being boyl'd with Cummin.

181. Pan-neer Maraum Malab

181.

Arbor Salawaccensis *Catappæ* Malabaricæ folio, flore extus fe riceo.

These Leaves are roundish, large, and broadest towards the top, in shape very like the Katappers or Indian Almond mentioned by Nieubof in his Itinerary : It is also very well described and Figured in the Hort. Malab. Vol. 4. Tab. 3 and 4. p. 5. under the Malabar name of Ada-maram or Saros.

The Flowers grow in Clusters Umbelwife, viz. several at the end of a long pedicle.

U u u u u

Is

is about 8 or 10 foot high; thick as ones Arm. The Decoction of the Root, Leaves, Bark, &c. cures the Running of the Reins, and Sharpness of Urine. S. B.

S. B.

182.

182. Keela nelttee Malab.

Pluk. Tab. 183.

Fig. 5.

Alm. Bot. 159.

pl. 8. l. 19.

H. Mal. v. 10.

Tab. 15. p. 31.

Nirouri Salawaccensis minor, *Abrus* folio.an *Fruticulus capsularis hexapetalos*, *Cassia Poetarum* foliis.

brevioribus subrotundis & densius stipatis Pluk. Phyt. Tab. 183.

fig. 5. Alm. Bot. 159 pl. 8. lin. 19. an Kirganeli Malab. Bajan.

Anvali Brim Hort. Malab. V. 10. Tab. 15. p. 29. *Vitis Idea*.

affinis, flore hexapetalo exalbicante Comel. in H. Mal. V. 10. p.

31. Fl. Malab. p. 274. 2. id. Fol. 69. 1. 10.

The whole Plant ground and made into Pills, and 2 or 3 of them taken night and morning cures Yellow Jaundice and Fevers: the same mixt with Milk cures the Gonorrhoea; mixt with a little Turmeric it cures the Itch and Ringworms: 'Tis also good in Hæticks and Consumptions. S. B.

S. B.

183.

183. Munmerrellee-maraum Malab.

Here are the specimens of two, if not 3 different Plants, however Dr Plukenet hath in his Mantissa p. 170. (not according to his wonted Custom) reduc'd them all to one.

Is about 6 foot high, and thick as ones wrist; a Drink of the Leaves and Bark cures Cholerick Vomitings, 3 or 4 Spoonfuls is a Dose, and gives 2 or 3 Stools. S. B.

S. B.

184.

184. Nauvel-maraum Malab.

Pluk. Tab. 274.

Fig. 2.

Alm. Bot. 88.

5.

H. Mal. v. 5.

Tab. 29. p. 57.

Ray H. Pl.

1499. c. 22.

Fl. Mal. 49. 3.

id. Fol. 13. 1. 6.

Pluk. Tab.

274. Fig. 2.

Pimenta Malabarica Caryophylli aromatici folio.

Caryophyllus languescens vi aromaticus Malabariensis, folio &

fructu maximo Pluk. Tab. 274. fig. 2. Alm. Bot. 88. 5. Perin

Njara seu Inanel. Malab. Mandaneka Brach. Grano de gato Lu-

sit, Katers-ballen Belg. Hort. Malab. V. 5. Tab. 29. p. 57. Bac-

cifera Malab. fructu umbilicato Pruniformi unico intus nucleo

Ray H. Pl. 1499. c. 22. Flor. Malab. 49. 3. id. fol. 12. 1. 6.

I wonder, since Dr Plukenet in his *Almagestum* Botanicum

Tab. 274. fig. 2. had given so good a Figure of this, yet when

he came to see it in this Collection, should so soon quite forget

it, as appears in his *Mantissa* pag. 39. where he not only givesit a New name, but falsely makes it the *Belutta Kanelli* of the5th Volume of the *Hort. Malab.* which is a different Plant.

This Tree is about 30 foot high, and about a foot diameter; The Fruit when ripe are dark purple almost black, as big as Grapes and taste like Sloes; they have a large Kernel or Core, which is not inclosed in a Shell, the taste of that is not pleasant,

tant, but harsh and bitter, therefore thrown away ; this *Kernel* is more than half the *Fruit*. The *Bark* of the Tree boyl'd and the *Decoction* drank cures all *Fluxes*, also the *Dysentery* and *Gonorrhœa*. This *Fruit* is good to eat, and all over this Coast by *English* and *Portuguese* are call'd *Jambolins*: I believe they are the same that *Garcias* 236. and *Parkinson* 1636. call by the same name *Jangomas* I don't know, except it be the same with the *Manfanas*, viz. *Ber* and *Bor*. S. B.

N. B. The *Jambolins* of *Garcias* and *Parkinson* seem very different from this Tree.

185. *Peren-calla Malab.*

Kara Salawaccensis major, fol. longiore venoso.

an Ben. *Kara Malab.* Gali feu Babouli *Brach.* Espinho d'urso *Lusit.* Aapel dorn Belg. Hort. *Malab.* V. 5. T. 35. p. 69. Baccifera *Indica* floribus spicatis, fructu rotundo nigricante, polyspermo Ray H. Pl. 1494. c. xi. Fl. *Mal.* 47. 3. Fol. 12. 2. 5.

This differs from S. B. 62. in having its *Leaves* much larger, and sharp-pointed, some as big as Bay-leaves and as broad.

This is a bigger sort of S. B. 62. Its Vertue the same with that ; The *Fruit* of this is a pleasant acid taste, makes good sweet Meat and Gelly, altogether as good as *Currans*, they are of a fine Red when half ripe, and Black when full ripe: The *Natives* eat these greedily, but I cannot hear they use them in *Physick*: The *Natives* commonly call the *Fruit* Callacca. Some count *Pecala* S. B. 161. a *Species* of this. S. B.

186. *Shala-maraum Malab.*

Rus trifoliata facie Frutex *Salawaccensis* floribus Juliformibus *Musf. Petiver.* 678. an *Molago maram Malab.* Mirifato *Brach.* Arbore da pimienta falso *Lusit.* Wild Peeper boom Belg. Fl. *Mal.* V. 5. Fig. 25. p. 49. Baccifera *Indica* trifolia, fructu rotundo Monopyrreno, pediculo longo Ray H. Pl. 1593. c. 18. Fl. *Mal.* 43. 5. id. Fol. 11. 2. 8.

If Dr *Plukenet* has the aforesaid *Molago-maram*, as he asserts in his *Almag. Bot.* 94. pl. 7. he would be very kind to show wherein it differs from this and his *Jamaica Plant*, *Figured Tab.* 267. *Icon.* 4. tho in his *Almagest* p. 48. *lin.* 4. he confounds it under *Figure 1.*

Grows 10 or 12 foot high, thick as ones Arm. A *Drachm* of the Powder of the whole Plant taken, cures the Bites of a *Venemous Horse-Fly*, which the *Natives* call *Wandoo-gudee*; it's also good against the bites of other *Insects*. S. B.

U u u u u u 2

188. *Mau-*

S. B.

185.

H. Mal. v. 5.

Tab. 35. p. 69.

Ray H. Pl.

1494. 11.

Fl. Mal. 47. 3.

id. Fol. 12. 2.

S. B.

186.

Musf. Petiv.

678.

H. Mal. v.

Tab. 25. p. 49.

Ray H. Pl.

1593. c. 18.

Fl. Mal. 43. 5.

id. Fol. 11. 2.

Alm. Bot. 94.

Alm. Bot. 48.

1.4.

188.

Dale 413.

Pom. p. 1. 180.

x. 6. c. 6 Fig.

Ger. 1262.

Fig. 1.

Idem. 1450.

Fig. Chabr. 3

Fig. 5.

I. B. l. 1. 76 c.

17. id. Pr. 33.

C. B. 438. 1.

Park. 1510.

Fig. Pl. Jam.

201. Lob.

Obs. 564. Fig. 1.

Lugd. 303.

Fig.

S. B.

189.

Mus. Petiver. 41.

Ray H. Pl.

1612. c. 6.

H. Mal. v. 5.

Tab. 41. p. 81.

Fl. Mal. 119. 6.

id. Fol. 30. 2. 6.

Pluk. Tab. 95.

Fig. 5.

Alm. Est.

202. 3.

S. B.

190.

H. Un. 5. Aft

Phil. No. 244.

p. 315. 5.

H. Mal. v. 2.

Tab. 23. p. 37.

Ray H. Pl.

1494. c. 10.

Fl. Mal. 123. 2.

id. Fol. 31. 2. 3.

188. *Maudalan-chedde* Malab. The *Pomegranate*.*Granata vulgaris Officinarum*. *Granata* *Fonst.* Dendr. 28. Tab.*Granata* & *Punica* *Offic.* Dale *Pharm.* 413.*Grenadier* *Pomet* *Hist. Generale des Drogues* part 1. p. 180. 1.

8. c. 6. Fig.

Malus Granata seu *Punica* *Ger.* 1262. Fig. opt. 1. *id.* *emac.*

1450. Fig.

Malus Punica *Chabr.* 3. Fig. 5. *IB.* 1. 1. 76. c. 17. Fig. *Prodr.*3. 3. *Gesn.* Hort. Germ. 267. *Malus Punica* *fativa* *C. B.* 438. 1.*Park* 1510. Fig. *id.* Part. 528. 1. Fig. 429. 4. *Malus Punica* *fava*,*aliis simpliciter flore* *Cat. Pl. Fam.* 201.*Malum Punicum* *Lob.* *Observ.* 564. Fig. 1.*Punica* *malus* *Lugd.* 303. Fig. *Cord.* in *Diosc.* 22. cap. 152.189. *Mella Kurni* Malab.*Chamaelea Malabarica* trifoliata spinosa *Mus. Petiver.* 41.*Frutex baccifer Indicus* spinosus trifolius, floribus spicatis,fructu plano rotundo tricocco *Ray* H. Pl. 1612. c. 6.*Kaka-Toddali* Malab. *Boriti* *Brach.* *Espinho* do *Ladrano* *Lu-**sit.* *Praatkens* Belg. Hort. Malab. V. 5. F. 41. p. 81. *Fl. Mal.* 119.6. *id.* Fol. 30. 2. 6. *Kaka-Toddali* forte *Malabarica* ex oris *Cor-**mandel* *Pluck.* Tab. 95. f. 5. *Alm. Bot.* 202. pl. 3.Grows about 6 foot high, and 2 or 3 fingers thick: The *Bark*,*Leaves* and *Berries* boyl'd in Butter, and about half a dram ofit given to young Infants cures the *Carpaun*, *Scab* and *Itch*;the *Bark* of the *Root* ground and made into Pills, and 5 or 6 ta-ken night and morning expels Wind and helps *Gripes*, the De-coction of the *Wood* is good for the *Pox* and *Rheumatism*: The*Natives* boyl the *Root*, *Bark*, *Leaves* and *Grains* in *Gingele**Oyl* (which I think is *Sesamum*) and drink 3 or 4 spoonfuls nightand morning for the *Pox* and *Rheumatism* with good success.This Plant is wholly *Aromatick*; in *Root*, *Bark*, *Leaves* and*Berries*, which I fancy rather exceeds than comes any thing be-hind *Juniper-berries*. S. B.190. *Pautan-chedde* Malab.*Paccifera* *racemosa* *Madraspatana* *Juglandis* folio, nigris ma-culis eleganter asperfis. *H. Un.* 5. *Act. Phil.* No 244. p. 315. 5. *an**Cupi* Malab. *Cita-Mataki.* *Bram.* Hort. Malab. V. 2. Tab. 23.p. 37. *Frutex Indicus* baccifer, floribus umbellatis fructu ro-tundo polyspermo *Ray* H. Pl. 1494. c. 10. *Fl. Mal.* 123. 2. *id.* Fol.

31. 2. 3.

This differs from *H. Un.* 15 and *S. B.* 12 in having its *Leaves*

thinner, less veiny and not so stiff, the ribs from the middle of

the

the Leaf extending to the edges, whereas the other are lost in the lesser capillary Veins before they reach the sides : The *Flowers* are larger, and the style exerts it-self near an inch above it, whereas in the other they are not to be seen, but in those whose *petala* are reflex, which they frequently are.

Grows 4 or 5 foot *high*, thick as ones Wrist or more, the Natives make *Atchars* of the *Berries*, (i. e. *Pickle* them) the Decoction of the *Bark* of the root, cures the *Gonorrhœa* and sharpness of *Urine*, S. B.

191. *Vela Cacuanha Malab.*

S. B.

191.

Clitorius Malabaricus, fl. albo. The white Clitorian Flower. *Alm. Bot.* 294. 5. *Phaeolus alatus Ternatensium* floribus albis *Alm. Botan.* 294. 5. l. 20. *Schanga-cuspi Malab.* *Gocarni Bram. Fabas de Brhahmanne* *Lufit smalt Kruid Belg. H. Malab. V. 8. Tab. 38. p. 69.* *Ray H. Pl.* 890. 30.

Phaeolo adfinis Glyzyrrhizæ Germanicæ foliis Orientalis flore amplo albo P. B. pr. 365. 1. *Clitorius Flos albus* H. A. Lugd. 162. 6. *Fl. Mal.* 213. 3. *id. Fol.* 54. 1. 2. *H. Un.* 20. *Act Phil. No.* 244. p. 323. 20.

Fl. Mal. 213. 3. *id. Fol.* 54. 1. 3. *H. Un.* 20. *Act Phil. No.* 244. p. 323. 20.

192. *Carpa Cacuanha Malab.*

S. B.

192.

Clitorius Malabaricus fl. caeruleo. Blue Clitorian Flower

Phaeolus Indicus caeruleus Glycyrrhizæ foliis alatis fl. amplo clitorio. *Alm. Bot.* 294. 4. l. 17. *Indicus Glycyrrhizæ foliis flore caeruleo amplo* five *Flos Clitoridis Breyn.* Prodr. 1 p. 43. 7. *Hort. Amst.* 276. 1. *Phaeolo adfinis Glyzyrrhizæ Germanicæ foliis Orientalis flore amplo caeruleo.* P. B. pr. 364. 6. *Clitorius Flos caeruleus* H. A. Lugd. B. 162. 5. *Flos Clitoridis Ternatensibus* *Breyn. Cent.* p. 76. c. 31. *Fig. H. Un.* 19. *Act Phil. No.* 244. p. 322. 19.

Alm Bot. 294. 4. *Br. pr.* 1. p. 43. 7. *Hort. Amst.* 276. 1. *P. B. pr.* 364. 6. *H. Lugd. B.* 162. 5. *Breyn. Cent.* 76. l. 31. *Fig. H. Un.* 19. *Act Phil. No.* 244. p. 322. 19. *H. Mal.* v. 8. p. 70.

Scanga cuspi altera Species H. Malab. V. 8. p. 70. *Catarodu Zeyl. Creuck Javan.*

This and the last differ only in the colour of their *Flower*, this being blue, that white, which are express'd in their *Malabar* names.

Both these are a foot and a half, or 2 foot *high*. The white operates more gently than the other, but they both *Purge* and *Vomit* also : yet the Natives give it every, or every other day to their Children, being ground with Water; for 'tis hard to powder. (I mean the *Root*, for that only is of Use.) 'Tis an Excellent Medicine in *Fluxes*, *Faundice*, *Cachexie*, &c. The Natives give it every day to *Pocky Children* with excellent success; and they say that if the *White Flowers* be rubb'd in the palm of the

the hand of either Man or Woman, and they immediately rub that hand on the hand of any person they have a mind to enjoy, it will make them consent, and be very fond: But I have no Faith for such Trifles. S. B.

S. B.

193.

P. B. pr. 312.

Pluk. Tab. 134. Fig. 3.

Pl. Jam. 205.

Ray H. Pl. 1650. 1.

H. Mal. v. 3. Tab. 29. p. 21.

Fl. Mal. 17. 7.

id. Fol. 5. 1. 17.

193. *Cheta paulum Malab.*
Anona folio obtusiore, fructu glanduloso conoide.

an Anona *Indica* pomo viridi P. B. pr. 312. 3. lin. 12. Anona *Indica* fructu ex viridi & luteo cortice squamato aspero nucleis nigricantibus parvis Pluk. Tab. 134. Fig. 3 Anona foliis odoratis minoribus, fructu conoide squamoso parvo dulci Cat. Pl. Jam. 205. Pomitera *Indica* fructu conoide squamoso viridi Ray H. Pl. 1650. 1. Ata maram & Manil jaka *Malab.* Atoa, Manil panofou & Jona jaka *Brach.* Atas & Atocira *Lusit.* H. Mal. V. 3. Tab. 29. p. 21. Fl. *Mal.* 17. 7. f. ult. id. Fol. 5. 1. 17. f. ult.

The Fruit of this the *English* call *Custard Apple*, the *Portuguese* Atta, it hath a rugged rind, and is as big or bigger than one's Fist, is very mellow and soft, and tastes like *Cream* and *Sugar*. S. B.

S. B.

193. I.

Pluk. Tab. 134.

Fig. 4.

P. B. pr. 312.

2. Pl. Jam.

204. H. Mal.

v. 3. Tab. 30.

p. 23. Fl. Mal.

17. 6. id. Fol.

5. 1. 16.

193. I. *Ata paulum Malab.*
Anona folio acutiore, fructu majore.

an Anona *Indica* angustifolia, fructu caruleo cortice squamato glabro Pluk. Tab. 134. Fig. 4? Anona *Indica* pomo caruleo P. B. pr. 312. 2. l. 9? Anona maxima foliis oblongis angustis, fructu maximo luteo conoide, cortice glabro in areolas distincto Cat. Pl. Jam. 204? Anona maram & Parangi Jaka *Malab.* Tsyna panofou *Bram.* Anona *Lusit.* H. Mal. V. 3. Tab. 30 & 31. p. 23. Fl. *Mal.* 17. 6. id. Fol. 5. 1. 16.

The Fruit of this is *Russet* or *Reddish*, smooth and sweeter than the last, and as big as 2 Fists, the *Leaves* bigger and longer, and *Flowers* sweet: Neither of them serve for *Physick*, but are accounted wholesome Fruit. S. B.

S. B.

194.

Pluk. Tab. 130.

Fig. 5. Alm.

Bot. 21. 10.

H. Mal. v. 10.

Tab. 34. p. 47.

194. *Terai Malab.*

Spergula Salawaccensis foliis inequalibus latioribus & subrotundis, alis foliorum florescens.

Alfine *Indica* quadrifolia & quinquefolia, flosculis longiori pediculo infidentibus Pluk. Tab. 130. Fig. 5. Alm. Bot. 21. pl. 10. an Kaipa *Tfijra Malab.* Codivi vassii *Bram.* H. Mal. V. 10. Tab. 24. p. 47.

This has a sweetish smell, but bitter taste, it trails on the ground, and is a little larger than the next. The *Natives* say it gives a very pleasant taste to their *Carrats*, for which they use it much. S. B.

195. I.

194. 1. *Commen Terai Malab.**Spergula Anthylloides villosa Salawaccensis.*S. B.
194. 1.

The *Natives* make a Decoction of this with a little round *Pep- per* and *Tamarind*, which they drink and wash their mouths with, when they have a sweetish taste and want an Appetite; it also stops *Vomiting*. S. B.

195. *Paran Tulssee Malab.*S. B.
195.*Ocimum Salawaccense Menthae folio.*

Here are 4 sorts of this, viz. *Tulssee*, cappore *Tulssee*, *Nai Tulssee* and this *Black Tulssee*, they all seem to be species of *Basil*; the Juice of them mixt with Sugar the *Natives* give to Infants when they can't digest their *Milk*. A Decoction of the 4 sorts they give for *Fevers*, *Coughs* and *Astma's*. S. B.

196. *Vella caunjerrie Malab.*S. B.
196.*Ricinus Malabaricus Urticae folio.*

Pluk. Tab.
120. Fig. 5.
Alm. Bot. 321.
3. H. Ox. S. 10.
p. 349. 24.
Ray H. Pl.
160. 2.
H. Ox. S. 11.
p. 435. 7 Tab.
24. Fig. 7.
H. Mal. v. 2.
Tab. 37. p. 73.
Fl. Mal. 276.
8. id. fol. 69.
2. 22.
H. Un. 9.

*Ricinus Altheae folio molli & incano Maderaspatanus Pluk. Tab.*120. Fig. 5. *Alm. Bot.* 321. 3. *H. Ox. S.* 10. p. 349. 24. *Urtica**frutescens Malabarica Schorigenam dicta Ray H. Pl.* 160. 2. *Ur-**tica major Indica tricarpos folio mucronato Schorigenam Hort.**Malab. H. Ox. S.* xi. p. 435. 7. Tab. 24. Fig. 7. *Schorigenam Ma-**lab. Pitta Gasurculi Bram. H. Mal. V.* 2. Tab. 39. p. 73. *Fl.**Mal.* 276. 8. *id. Fol.* 69. 2. 22. *H. Un.* 9. *Act Phil.* No. 244. p. 317.

9.

The *Natives* call this *White Nettle*, they have another lesser sort here, which they call *Carpa caunjerrie*, i. e. *Black Nettle*; they make a Powder of these which they give in Milk for *Hec-ticks*, *Astma's* and *Coughs*, as also for stoppage of *Urine*. S. B.

197. *Pulea chedde Malab.* The *Tamarind Tree*.S. B.
197.*Tamarindus vulgaris Officinarum.**Tamarindus Ger. em.* 1607. *Park.* 237. c. 35. Fig. *Ray H. Pl.*1748. c. 9. *C B. in Matth.* 191. Fig. *Cam.* 166. 1. *Lugd. app.* 9.Fig. *H. Lugd. B.* 588. 3. l. 10. 206. *Adv.* 439. *Obs.* 602. Fig. *Ray H. Pl.**Ferr. Fl.* 285. *Fragos.* 53. c. 22. *Cat. pl. Jam.* 147. *Hern.* 82. *I. B.**V. 1. lib.* 12. p. 422. Fig. *id. pr.* 32. 7. *Chabr.* 90. Fig. 1. 2. *Velling.*13. *Garz.* 119. c. 28. *Clus. Ex.* 196. c. 28. & 271. c. 21. *Offic.**Dale* 507. 8.*Tamarindus Derelsile* appellata *Alpin.* *Aegypt.* 15. c. 10. Fig.*Tamarins Pomet.* part 1. L. 7. p. 22. c. 31. Fig.*Siliqua Arabica* quæ *Tamarindus* *CB.* 403. 3.*Bilam Pulli* seu *Maderam Pulli Malab.* *Sinza Bram. H. Mal. V.*1. Tab. 23. p. 39. *Fl. Mal.* 259. 12. *id. Fol.* 65. 2. 13.This *P. Jan.* 147.

Hern. 83. I. B. v.
1. l. 12. p. 422.
Fig. id. pr. 32. 7.
Chabr. 90. *Fig.* 1. 2.
Vesling. 13. *Gar.*
119. c. 287. *Clus.*
Ex. 196. c. 28. &
271. c. 21. *Dale.*
507. 8. *Alp. c. Eg.*
15. c. 10. *Fig.*
Pomet. p. 1. l. 7.
C. B. 403. 3. *H.*
Mal. v. 1. *Tab.* 23.
p. 39.

S. B.
198.

Breyn. *Pr.* 2. p.
58. 3. l. 10.
P. B. *pr.* 342. 5.
Ray H. Pl. 1573.
6. 13.
Pluk. *Tab.* 109.
Fig. 2.
Pluk. *Tab.* 59.
Fig. 2.

H. Mal. v. 2. *Tab.*
14. p. 19.

H. Mal. v. 2.
Tab. 13. p. 17.
El. Mal. 142. 7.
id. *Fl.* 36. 1. 16.

S. B.
199.

Chabr. 126. *Fig.* 6.
Ger. em. 1598.
Ray. H. Pl. 730.
29. *Car. Pl. Jam.*
58. 4. *C. B.* 398.
6. *H. Mal.* v. xi.
Tab. 60. p. 123.
Cam. 135. 1. *Fig.*
40 I. B. v. 2. l. 15.
177. *Fig.*

This is the *Tamarind Tree*, whose Fruit is well known : it's a large Tree 40 or 50 foot high, and about 2 foot diameter. The *Natives* with the fume of the powder of the Root cures Piles and old Ulcers, the skin or rind of the Seed in powder is a most excellent Remedy in a Gonorrhea after purgation ; it also stops all sorts of Fluxes, and in Dysenteries infallible. A Decoction of the Leaves cleanses and heals green Wounds and Ulcers ; the Juice of the Leaves cures inflammations of the Eyes and Ophthalmias ; the Fruit is well known to temper the heat of the Blood, with the Leaves, which the Natives use in all their Diet. S. B.

198. Chegga pu melleha Malab.

Schetti Malabar. foliis Laurinis venosis.

Jasminum arborescens Indicum flore tetrapetalo umbellato phar-niceo, foliis Laurinis latioribus *Breyn.* *Pr.* 2. 58. 3. l. 10. *Jasmi-num Zeylanicum* flore parvonino *Herm.* *Cerasus umbellata* pavo-nina floribus coccineis *Ejusd.* *Br.* 2. 58. *Jasminum Indicum* Laurifolio inodorum umbellatum floribus coccineis *P. B.* *pr.* 342. 5. *Frutex baccifer Malabaricus* fructu calyculato rotundo rubro polypyreno *Ray H. Pl.* 157. 3. c. 13. *Jasminum Indicum* Lauri folio inodorum umbellatum floribus albicantibus *Pluk.* *Tab.* 109. *Fig.* 2. & *Jasminum Indicum* Lauri folio inodorum umbellatum floribus coccineis *Pluk.* *Tab.* 59. *fig.* 2.

Dr *Plukenet* has here confounded this, by making 2 several Plants of it, whereas it really is but one, as may be seen by the differing Leaves of this Specimen, some being broad, others sharp pointed, which last variety he makes the *Bem Schetti* Hort. Malab. V. 2 *Tab.* 14. p. 19 which differs from it, both in the make of the Leaf, as well as shape of the Flower.

Schetti Malab. Pada Cali *Eram.* *H. Malab.* V. 2. *Tab.* 13. p. 17. *Fl. Mal.* 142. 7. *id.* *Fol.* 36. 1. 16. *Ratambala Zeylon.*

Is about 6 or 7 foot high, and thick as ones arm, bears no Fruit (is an Error) nor has the Flower any smell, the Bark and Leaves the Natives beat and eat with Rice for Pains of the Back and Joints, Knees especially. S. B.

199. Vusha coodee Malab.

Quamoclit In lie utriusq; *Viole aquaticae* folio.

Quamoclit foliis tenuiter incis & pennatis *Inst. Rei Herb.* 116. 1. *Quamoclit* I. B. V. 2. l. 15. p. 177. c. 45. *Fig. id. pr.* 39. 4. *El. Bot.* 95. *Cam* 135. *Fig.* 10. *Quamoclit*, Planta nova Indica. *Jasmi-num* five *Gelseminum Americanum* pennatum flore sanguineo quorundam *Chabr.* 126. *Fig.* 6. *Quamoclit* S. *Convolvulus* penna-

tus

tus *Ger. em.* 1598. Tan si *Herb. noft. Chin. Tab.* 4. Fig. 1.
Ray H. Pl. 730. 29. *Muf. Pet.* 48. *Cat. Pl. Fam.* 58. 4. *CB.* 398. 6.
 123. *H. Mal. V.* 11. *Tab.* 60. p.

This Climer is not used that I know in *Physick*, but the *Natives* rub the juice on their *Wives* heads, to make them love them. *S. B.*

200. Mannalekai *Malab.*

Spergula Salawaccensis spicata, ex alis foliorum florifera.

S. B. 200.

Is 2 or 3 foot high, the *Root* a Finger thick, which with the branches ground with *Water*, and applied warm, is successfully used by the *Natives* to pains in the *Head*, *Neck* and *Eyes*. 'Tis bitterish. *S. B.*

201. Mooellee *Malab.*

Phaseolus utriusque Indiae foliis rotundis.

S. B. 201.

Phaseolus maritimus purgans, rad. vivaci, foliis crassis subrotundis *Bisnagaricus* *Pluk. Tab.* 51. Fig. 2. *Phaseolus* maritimus rotundifolius, flore purpureo, filiqua brevi cristata, sem. fusco striato *Cat. Pl. Jam.* 69. 2 an *Phaseolus* maritimus *Indicus* penninis trifolius subrotundus, filiqua longa, faba fusca oblonga *Cat. H. Amst.* 276. *Alm. Bor.* 292. 1. *H. Mal.* vol. 8. *Tab.* 43. p. 83. *Pl. Mal.* 210. 2. *id. fol.* 53. 1. 11.

Catu-Tsjandi Malab. Canavali Bram. Grao do Boy Lusit. Vyeboenen Belg. H. Mal. V. 8. *Tab.* 43. p. 83. *H. Mal.* 210. 1. *id. Fol.* 53. 1. 11.

This *Climer* spreads much, the *Root* is *tuberouse*, as big as ones fist, not long but roundish, taken inwardly is *laxative*, ground and outwardly applied Cures Pains and Swelling in the *Knees* and *Buboes*. *S. B.*

This grows also in *Bermuda*, where its call'd *Poyson* beans, or *Loes* beans, from his being poysoned by them, as my Ingenious Friend *Mr John Dickinson* there informs me.

202. Chellendenai *Malab.*

S. B. 202.

Milium Salawaccense grano minore.

A *Decoction* of the whole Plant is good for the *Thrush*, being drank a spoonful or two for *Children*, but more for elder persons, the Mouth must also be wash'd with it. *S. B.*

203. Yelle-chellendenai *Malab*

Adhatoda Salawaccensis Clinopodii folio.

Pluk. Tab.

Gratiolæ affinis Madraspatana Digitalis æmula, folio Clinopodii, capsulis in verticillas positis. *Pluk. Tab.* 193. Fig. 3. *Alm. Bot.* 180. 10. 1. 27.

193. Fig. 3.
Alm. Bot. 180.
 10. 1. 27.

X x x x x

The

S. B. 204. The *Decoction* is good for a *Thrush*, and used as the last, but this is better. S. B.

H. Mal. v. 12.

204. Madel velladee *Malab.*

Tab. 3. p. 7.

H. Malab. 194.

1. id. fol. 49.

1. 12.

Orchides epidendron Salawaccensis Visci folio. *Mus. Pet. 662.*
Orchis aizoides abortiva Malabariensis, foliis obtusis, flore aureo odorato *Com. in H. Mal. V. 12. p. 8. Fl. Mal. 194. 1. id. Fol. 49. 1. 12.*

Ponnam pou Maravara *Mal. Sovanna Pouspa Bram. Goud-blom Belg. H. Mal. V. 12. Tab. 3. p. 7.*

Is about a foot *high*; stops the too great Flux of *Urine*, with White Sediment, by taking one *drum* of the powder for a few days night and morning; the *Decoction* cures the *Gonorrhoea*. S. B.

205. Auverre chedde *Malab. Nila chettu Gent.*

S. B. 205.

S. B. 57.

Asf. Phil. No

267. p. 703. 57.

H. Leyd. 168.

pl. ult. Chabr.

82. Fig. 6. I B.

v. 1. 1. 11 p 384.

Fig. 1. id. pr.

31. pl. 7. Cat.

pl. Jam. 141.

Ray. H. Pl.

926. c. 4.

Indigo vera Colutea foliis utriusque Indie S. B. 57. Aët. *Phu.*
No 267. p. 703. 57. I have there given you its several *Synonyms*, with a description of its *Leaves*, *Flowers* and *Pods*, which last grow straiter the riper they are.

This is *Nil* or *Anil*. The *Decoction* expels *Wind*, and is very good for lying in *Women*, provokes the *Lochia* if stoppt, cures that dangerous *Distemper* of *Child-bed Women* which the *Natives* call *Fanny*: Is *Diuretick*, and good in *Hæmicks* and *Consumptions*, as they say, with many other *Vertues*. Here is another sort of *Nil* (but it makes no *blue colour*) which the *Natives* call *Cale Auverre chedde*, i. e. *Stone Nil*, for it grows on *Stony Mountains*, has the same *Vertue* as the former, but is not so strong; the *blue Indigo* in *Cakes*, rubb'd on the *Pubes*, helps those to *Urine*, who have a stoppage of *Water*. S. B.

206. Arra dudda *Malab.*

S. B. 206.

Breyn. pr. 2.

p. 41. 2. l. 3.

H. Leyd. 643.

Fig. Pluk. Tab.

173. Fig. 3.

Alm. Bot. 9. 1.

Adhatoda Zeylanica, foliis *Laurinis* maximis.

Dictamno forte affinis, Indica arborescens Lauri Americanae foliis f. Echolium Zeylanicum foliis Laurinis Breyn. pr. 2. 41. 2. 1. 3. Adhatoda Zeylanensium Mus. Zeyl. Echolium Græcis. Wapala Malab. H. Leyd. app. 643. Fig. Pluk. Tab. 173. Fig. 3. Alm. Bot. 9. 1.

Is about 6 or 8 foot *high*, and *thick* as ones wrist, the *Root* and *Bark* Cures *Astma*, *Cough* and *Fevers*, by drinking the *Decoction*: the *Natives* boyl the Juice in *Butter*, and give it both

S. B. 207.

Park. 1636. c.

104. Fig. Acoft.

286. c. 47.

Bont. 102. Fig.

Chabr. 8. Fig. 1.

207. Tammerten cheddee *Malab. Carambola.*

Carambola Malabarica fructu pentagono.

Carambolas Park. 1636. c. 104. Fig. Acoftæ 286. c. 47. Bont. 102.

Fig.

Fig. *Chabr.* 8. Fig. 1. *Clus.* Exot. 234. c. 15 and 286. c. 47. *IB.* V. 1. *Clus. exot.* 234. c. 15. & 286. l. 1. 117. c. 6c. Fig. *id.* Pr. 4. c. 59. *Fragos.* 43. c. 13. *Garc.* 210. c. 47. 1 B. v. c. 15. Ta.

Carambólifera Malabarorum Jonst. Dendr. 5. Tab. 5. Fig. 1. l. 1. 117. c. 60. Fig. *id.* pr. 4. c. 59. *Fragos.* 43. c. 13. *Garc.* 215. c. 15. *Jonst.* 1449. 6. Dendr. 5 Tab.

Tamara-tonga Malab. Carambola Bram. & Lusit. Vyf hoecken 5. Fig. C B. *Belg. Hort. Malab.* V. 3. Tab. 43, 44. p. 51. Fol. *Mal.* 167. 6. *id.* 433. 2. 6. *Camarix Decan. Camarix & Carabeli Canar. Bo-* 433. 2. Ray *limba Malaiis. Camaroch Persis.* H. P. 1449. 6. H. *Mal.* v. 3.

This Fruit is 4 inches long, has 5 edges, is very sower, the 1 ab. 43 p. 51. Root, Bark and Fruit correct *Choler*, but are not used by the fl. *Mal.* 167. 6. Natives here for *Fevers.* S. B. id. fol. 42. 2. 6. S. B. 208. *Muf. Petiver* 613.

208. Coode cauvela *Malab.*

Astragalus Salawaccensis foliis & filiquis glabris. *Muf. Petiv.* 613.

Is a foot or 2 high; A Decoction of the whole Plant helps digestion very much. S. B.

This chiefly differs from S. B. 84. in being smooth, that being hoary.

209. Maurel cheddee *Malab.*

Nucleifera Salawaccensis Pififormis, *Yucca folio Muf. Petiv.* S. B. 209. ver. 661. *Asphodeli Indicae affinis*, floribus hexapetalis spicatis 661. *Comel.* in H. *Mal.* V. 11. p. 83. H. *Mal.* v. xi. Tab 42 p. 83.

Katu Kapel seu Cadenaco H. *Mal.* V. 11. Tab. 42. p. 83. Fl. Mal. 39. 1. id. Fol. 10. 2. 10. id. fol. 10. 2. 10.

I cannot conceive why Dr *Plukenet* should make this an *Aloes*, and more especially since he saw it here in *Fruit*.

It grows about 2 foot high, the Root as thick as ones Finger, yellowish red without, but white within, bites the tongue. Its Decoction cures the *Berberis* or *Dead Palsie*, the Juice of the Leaves cures the noise and pain in the Ears, the strings of the Leaves make very strong lines, they resemble those of *Semper-vive*, are smooth and spotted with a darker green, there are generally 5 from one Root, besides the Flowring stalk. S. B.

210. Turkey auverre Kai cheddee *Malab.*

Fœnum Græcum majus, e *Saluivacka Muf. Petiver.* 645. S. B. 210. Is 4 foot high, the Decoction of the whole Plant cures Cough *Muf. Petiver* 645. and *Astma*, they eat the Fruit parched. S. B.

211. *Vulerha Malab.*

Centaureum minus verticillatis floribus Mal. raspat. Muf. Pet. 369. S. B. 211. *Muf. Petiver*

X x x x x 2

The 369.

The Natives sometimes give the powder of the whole Plant in Urine for *Pox*, *Rheumatism* and *Gonorrhoea*; it's likewise good if taken in Water. *S. B.*

212. Coattakai Malab.

S. B. 212.
H. Un. 40. *Act.* Ricinoides arborefcens *Madraspatana* Cotini foliis *H. Un.* 40.
Phil. No 244. *Act. Phil.* No 244. p. 332. 40.

P. 332. 40. Is 5 or 6 foot high, as thick as ones wrift, the Decoction of this in Water (but the Natives do it with Butter) cures *Hypochondriack Melancholy* and *Hysterick Passion*: the Root, Bark, Leaves and Fruit serve for nothing else, as the Natives say. *S. B.*

213. Aucashdammaree Malab.

S. B. 213.
Pluk. Tab. 207. *Stratiotes Madraspatana* Sedi vulgaris folio.
Fig. 6. *Nymphaea minima Madraspatana*, foliis alas Papilionum re-
Alm. Bot. 267. ferentibus *Pluk.* Tab. 207. *Fig.* 6. an *Stratiotes Aegyptia* Diofco-
8. Vefling. 45. *Fig.* an Kodda pail Malab. Zelo Bram. *H. Mal.*
Fig. H. Mal. *V.* 11. Tab. 32. p. 63. *Sedum Indicum* palustre, foliis latissimis
v. 11. Tab. 32. in crispis, floribus albicantibus pilosis *Comel.* in *H. Mal.* *V.* 11. p. 64.
p. 63. *Comel.* in *H. Mal.* 240. 7. *id.* Fol. 60. 2. 27.
p. 64. *Fl. Mal.* This is a Water Plant, when fresh in a minutes time after 'tis
240. 7. id Fol. chewed, bites the tongue and mouth: A Decoction of this pre-
60. 2. 27. sently cures *Fevers*, *Coughs*, *Astma's*, *Hecticks* and *Consumptions*, they generally add to it a few grains of *Pepper*, the Flower is white, consists of 4 small Leaves. Grows in Ponds and Wells, and is not fixt to the ground at bottom by any stalk that I could find. *S. B.*

It seems to be a Plant, swimming or floating on the Water, as the *Hort. Malab.* and *Veslingius* observes theirs to do, it may therefore be easily carried by the Wind or Current from one side of a Pond to the other, like our *Duck-meat*.

214. Nommennau maram Malab.

S. B. 214. Grows about 30 foot high, and 8 or 10 inches diameter. The Natives beat the Root, Leaves, Flowers, Bark and Fruit, and press out the Juice, which they boyl in Butter, and give a spoonful of it for *Hectick*, *Consumptions* and *Cough*, with success; these people think Butter helps the Vertue of Physick, Water not. The Flower is a complication of many threads on a stalk, which soon fall off. *S. B.*

This pod exactly resembles the *Waga* Madraspatan. *Sene foliis siliqua lata compressa ubi seminibus inflata* *Mus. Petiver.* 697. and Mr Browns description of the Flowers exactly agrees with it,

it, which makes me believe it the same; and if so, these *Walnut-like Leaves* must belong to another Tree. However, *Dr Plukenet* affirms them one, which if he can shew contiguous, I should be glad to see, viz. its Leaves with either Flower or Pod on the same Branch.

215. Punangunne Malab.

Perexil Madraspatana, foliis oppositis angustioribus Polygoni H. Un. 22. *Art. Phil.* no 244. p. 323. 22. *Amaranthoides Madraspatanum* foliis angustis ex adverso binis, floribus ad nodos verticillatis Pluk. Tab. 132. fig. 6. Alm. Bot. 27. 4. l. 10.

S. B. 215.
H. Un. 22.
Art. Phil. No 244. p. 323. 22.
Pluk. Tab. 132. Fig. 6.
Alm. Bot. 27. 4. l. 10.
H. Mal. v. 10. Tab. xi. p. 21.

This resembles the *Coluppa* Hort. Malab. V. 10. Tab. xi. p. 21. but this takes not Root at every Joint as that does.

The juice of the Root put into the Eye, cures *Ophthalmia's* and pain, a Poultice of the Root, Branches and Leaves beaten and applied to the Eye is also good, the juice of the Leaves rubb'd on the Head takes away the pain, and stops defluxions of thin Rheum by the Nose. The Natives eat the boyld Herb for the same Distemper. S. B.

216. Caurai chedde Malab.

Lycium Salawaccense spinis binis distentis, nucleo gemino vel triquetro. an *Baccifera Indica, flosculis ad foliorum exortum confertis, fructu dicocco* Ray H. Pl. 1497. c. 17. an *Tsjerou Kara Malab.* Canti & Bidani Gali Bram. Espinho Salfedo Lusit. Bitterdoorn Belg. H. Mal V. 5. Tab. 37. p. 73. Fl. Mal. 45. 2. id. Fol. 12. 1. 6.

S. B. 216.
Ray H. Pl. 1497. c. 17.
H. Mal. v. 5. Tab. 37. p. 73.
Fl. Mal. 45. 2. id. fol. 12. 1. 6.

If this were new, as *Dr Plukenet* asserts in his *Mantissa*, he would do well to let us know how it differs from his *Lycium Maderaspentanum Indici Alpino putati amulum, foliis minoribus binugis & grandioribus aculeis horridum* Pluk. Tab. 97. Fig. 2. & Alm. Bot. 234. 8. l. 23.

A low Bush about 2 foot high; the Natives cure the Bloody or any other Flux, by giving the Leaves fryed in Butter to eat, it also helps the *Tenasmus* and all Gripes: the Decoction of the Root does the same: They always use it alone. S. B.

218. Narracucha pillée Malab.

Gramen Filiceum Salawaccense, paniculis plurimis spicatum. A Decoction of this with a little Pepper cures intermitting Fevers. S. B.

S. B. 218.

219. Eltanee coondo Malab.

Eupatorium Salawaccense, Virga aurea folio. Is about 2 or 3 foot high; the Natives beat this and a few Corns of Pepper together, then strain the Juice, which they mix with Breast

S. B. 219

Breast Milk, and put a little into the *Nose*, cures the running of it. S. B.

S. B. 220.

Pluk. Tab.

128. Fig. 3.

Alm. Bot. 21. 6.

220. *Parpauticum Malab.*

Spergula Rosea multicaulis polyanthos e Madraspatan.

an Alfine Madraspat. Gallii foliis, flosculis communi pediculato ter- nis Pluk. Tab. 128. Fig. 3. Alm. Bot. 21. 6. Dr Plukenet, to shew his fondness in multiplying species, will have this a *New Plant*, and to differ from the above-mentioned of his, because its stalk forsooth has changed colour, and he fancies this grows propt up, and therefore in his *Mantissa* p. 9. he thinks himself obliged to give it the 2 following names, that it may be known from his other, viz. *Alfine Saxifraga Indie Orientalis, foliolis circa caulem radiatis, flore herbido & muscoso; seu Alfine Spergula muscosa Indie Orientalis, surrecta cauliculis albicantibus*. What colour the Stalks of his first were he mentions not, but in these I am sure he is mistaken, for they are yellow, not whitish, and therefore it may probably be still the same as at first; and as for its growing surrect, (which signifies but raised, set or lifted upright) I see no difference between them; besides, it's hard to judge by a dry specimen whether it grew along the ground, or was lifted up; but grant this nice posture should make it distinct, I presume so small a peculiarity might not require so long a title, but be distinguish'd in fewer than 20 words, and those none of the shortest.

The *Decoction* is an excellent Medicine in *Hedick Fevers* and *Consumptions*, the Powder mixt with equal weight of *Sugar*, and taken a dram at a time, cures the *Cough* and *Astma* in a short space. S. B.

S. B. 221.

Pluk. Tab. 15.

Fig. 1. Alm.

Bot. 50. 6.

H. Ox. S. 6.

p. 5. 2.

Pluk. Tab. 10.

Fig. 6. Alm.

Bot. 27. Pl.

ult. H. Mal.

10. Tab. 45. p.

89 Fl. Mal. 13.

12. id fol 4.

1. 18.

221. *Mafia pattree Malab.*

Arthemisia Orientalis vulgaris facie.

Arthemisia Chinenis cujus Mollugo Moxa dicitur Pluk. Tab. 15.

Fig. 1. Alm. Bot. 50. 6. H. Ox. S. 6. p. 5. 2. *Ambrosia* (forfan)

e China, Angurix foliis accedens Pluk. Tab. 10. Fig. 6. Alm. Bot.

27. pl. ult.

an Katu Tsjetti pu Hort. Malab. Vol. 10. Tab. 45. p. 89. H.

Malab. 12. 12. id. Fol. 4. 1, 18. Ambrosia Malab. Arthemisia fo-

lio odoratissimo, floribus flavis Comel. in *H. Mal. V. 10. p. 89.*

Of these and the Leaves of *red Pepper* beat, the Natives make Pills, which cure intermitting *Fevers*, for other things they use it, which are needless to insert, for I take it to be, if not the common, yet a species of *Mugwort*.

222. *Elippee Maraum Malab.*

S. B. 222.

Arbor Salawaccensis Lauri folio, fructu filo longo terminante, flore ex utriculo quasi erumente Muf. Petiver. 610.

Grows about 20 or 25 foot high, and sometimes 2 foot diameter. The Natives make Oyl of the Kernels by Expreffion, which cures the *Berberis* or *Palfie*, by anointing outwardly, and taking night and morning half a Spoonful inwardly; 'tis very bitter; the grounds or *Magma* which remains of the Oyl cures the *Piles* by Fumigation: The *Bark* of this Tree (is very thick) bruised and put into Water, and set out all night in the Dew, and in the morning strained, cures the Running of the *Reins*, by taking a Cup night and morning for a few days: The *Flowers* are round, and do not open, but are hollow, which by pulling off the stalk makes a sort of figure like a *Nut-shell* with a hole in it, and a small crown opposite to the stalk or hole, they are of a reddish yellow, smell sweet, and are a pleasant food, these boyld in Water and drank cures the *Heart-burn*. S. B.

223. *Varanna Mullee Malab.*

S. B. 223.

Adhatoda Malabarica tetracantha H. Un. 13. *Aff. Phil.* No. 467. *Un.* 13. 244. p. 319. 13. *Lycium Indicum spinis quaternis ad singulorum foliorum ortum* Par. Bat. pr. 349. 5. 1. 11. *Hort.* Beaum. 28. 3. *Eryngium Zeylanicum febrisfugum floribus luteis* D. Herm. *Hort.* Malab. V. 9. p. 78. *Melampyro cognata Maderaspatana spinis horrida* Pluk. Tab. 119. Fig. 5. *Alm.* Bot. 245. pl. ult. *Coletta Veetla* Malab. *Gontua* Bram. H. Mal. V. 9. Tab. 41. p. 77. *Fl.* Pluk. Tab. 119. *Mal.* 174. 5. id. Fol. 44. 1. 21. *Kathu Kakarobiti Zeyl. Contasere* Fig. 5. *Fl.* Mal. 174. 5. id. *Zurrat.*

Grows a foot and half high: A Decoction of the whole Plant cures the *Dropsy*, *Ascites* and *Anasarca*, by provoking much Urine; a Spoonful of the juice of the Leaves drank cures the *Thrush* or *Aphtha* (which the *Hort. Malab.* also confirms) it's also good in Fevers. S. B.

224. *Telle cootan Malab.*

S. B. 224.

Carambu Unaneercoondica Persicariaefolio.

Pluk. Tab

Lyfimachia non papposa humilis Maderaspatana, Clinopodii Virgiani lutei foliis, fructu Caryophylloide parvo Pluk. Tab. 203. 1. Fig. 5. *Alm.* Bot. 236. 1.

Since which Dr Plukenet has thought it convenient to give it again as New in his *Mantissa* pag. 123. with the distinction of *Hyssopi foliis*, which makes me also believe it the same with his *Lyfimachia spicata purpurea affinis Hyssopi foliis e Maderaspa-*

H. Mal. v. 2. Tab. 49. p. 95. Alm. Bot. 235. 14. 5. penult. plant. *tan Pluk. Tab. 203. fig. 6. So that I fear he has made 3 Plants of one, for of near a Thousand I have seen from about Fort St George, I have yet met with but this one that has any resemblance to all his 3 ; and that it may not also be suspected to be a 4th he has, he would be kind to shew the Caramba Hort. Malab. V. 2. Tab. 49. p. 95. which he gives us in his Almagest. Bot. 235. plant. penult.*

This grows a Cubit high, consisting of many straight branches, which rises at the Root, which is a Finger thick : the Decoction of this the Natives give to those that have a Fever with a Gonorrhoea, and great sharpness of Urine, all which it quickly cures; the two following Plants the Natives say are akin to this, but I think not. S. B.

S. B. 225.

225. Chedde Cootan Malab.

Althea Unaneccoondica floribus parvis ex alis foliorum dense stipatis.

Dr Plukenet in his Mantissa makes this a Tree Betony; and if so, it's the only one I ever yet saw of 2 foot high that was not verticillated, but bore its cluster of Flowers on one pedicle, distant from the Stalk.

It grows in very hard ground, 2 foot high; the Decoction of this cures a Gonorrhoea when the Urine does not scald. S. B.

226. Cootan Malab.

S. B. 226.
Pluk. Tab.

Cuscuta baccifera Salawaccensis fructu coronato.

172. Fig. 2. an *Cuscuta baccifera* Barbadenfium a *Maritimis* Pluk. Tab. 172. Alm. Bot. 126. Fig. 2. Alm. Bot. 126. 5. lin. 13. an *Cuscuta species crescens supra arbores & plantas* Comel. in H. Mal. V. 7. p. 84. an *Epithymum Luzonis Majus*. Malabohor *Manillensis* Camell. Mfs. Tab. 44. p. 83. *descript. & delineatione*. Acatsja valli Malab. ceu *Mudila Tali* Fl. Mal. 10. 5. *Malab. Medica Tali Bram. Ramos dasevi Lusit. Meervlecht wortel Belg.* H. Mal. V. 7. Tab. 44. p. 83. Fl. Mal. 100. 5. id. Fol. 25. 2. 17.

This I don't know what to term, it has no Root on the ground, but draws its nourishment from hair-like Roots, here and there inserted in the branches of the Trees it lies on; ground with Butter-milk, and a small Cup of it taken night and morning cures the violent scalding of Urine and Gonorrhoea. S. B.

We now proceed to the ANIMALS which I have received from several parts of INDIA, viz.

1. *S. Tella Chinenfis perelegans, dupliciter radiata.* Gazophylac. *S. B. 5. 1.*
noft. Naturæ Tab. 4. Fig. 6. *Gaz. noft. Nat. Tab. 4. Fig. 6.*

This has 13 round joynted rays, near 3 inches long, not bigger than a *Packthread*; these on the under part are thick set with a hairy fringe, between each of these larger *radii* comes another much smaller, smooth, about an inch long, and not bigger than a pin. This and the next *Mr Sam. Brown* some time since procur'd me from China.

2. *Stella Chinenfis tetradactylon, capite pulchre venoso.*

S. B. 5. 2.

This has but 4 rays, which are like the last but shorter, viz. about 2 inches long, the head an inch broad, round, flat, and finely veined with reddish and white.

3. *Papilio Indiæ Orientalis permaximus nigrescens, micis caeruleis aspersis, subtus rubedine notatus.* *S. B. 5. 3.*

This is the largest Butterfly I have yet seen, being full 6 inches between the tip of each Wing. I take this and the next to be Male and Female.

4. *Papilio Ind. Orient permaximus, e nigredine alboque mixtus, humero rubro pernotato.* *S. B. 5. 4.*

This differs from the last, only in having a share of white on both sides its upper wings, and the Scarlet spot on the Shoulders are in this seen as well above as underneath. My curious Friend *Dr William Sherard* first gave me these Butterflies, I have since met with them in *Mr Goffs* Collection.

5. *Papilio Javanicus, subtus flavescens, venis nigris maculis miniaceis marginatus.* First brought me from *Batavia* by *Mr James Cuninghame*, since which my worthy Friend *Mr Edward Bulkley* sent it me from *Fort St George.* *S. B. 5. 5.*

6. *Papilio Madraspat. medius, e flavedine & fusco mixtus, litura caerulea insignitus.* *Gazoph. noft. Natur. Tab. 4. Fig. 5.* *S. B. 5. 6.*
Gaz. n. Nat. Tab. 4. Fig. 3.

This is a singular Fly, partly composed of yellow and brown, with a blue spot near the middle of each lower Wing towards the Shoulder.

7. *Papilio Ind. Orient. nigrescens, maculis pallidis umbra caerulefcente aspersis.* *S. B. 5. 7.*

8. *Papilio Ind. Orient. fuscus major, caeruleo notatus, subtus navius, bimaculatus.* *S. B. 5. 8.*

Y y y y y

9. Papi.

- S. B. 5. 9. 9. *Papilio* Ind. Orient. *medius, carulescentibus maculis, sub-
tus nœvinus.*

These 3 last came in *Mr Goff's Collections*, and they are the only ones I have as yet seen.

- S. B. 5. 10. 10. *Papilio* Malaccensis *fuscus, subtus nœvinus, margine oculato.* Mr James Cuninghame caught this July 4. A. D. 1700. near Pulo Saya beyond Banca. I met with it also amongst Mr Goff's *Insects.*

- S. B. 5. 11. 11. *Phalena* Ind. Orient. *minor fusca, maculis ex albo-carule-
lescente variantibus.*

- S. B. 5. 12. 12. *Phalena* Ind. Orient. *minor albicans, guttulis sanguineis
Gaz. n. Nat. & nigris pulchre aspersis.* Gazoph. nost. Naturæ Tab. 3. Fig. 3.

I am also beholden to Mr Goff for these 2 beautiful Flies; I remember to have seen this last amongst Mr Charlton's most Curious Collection of *Insects.*

- S. B. 5. 13. 13. *Buccinum* Bengalense an *fluviatile ovale, columella tri-
dentata, ore angusto*

Litt. Hist. This seems pretty well to resemble the *Buccinum quatuor or-
Conch. Lib. 1. bium valde crassum & ponderosum 2 dentibus ad columella, ore
Tab. 32. Fig. 30. admodum longo & angusto* *Litt. Hist. Conchyl. Lib. 1. Tab. 32.
Fig. 30.*

I first receiv'd this from the Bay of Bengale, and since that from Batavia.

- S. B. 5. 14. 14. *Nerita* Javanica *nigrescens monogyros.* an *Litt. Hist.*
Litt. H. C. 2. Conch. Lib. 2. Fig. 37. Tab. 143. This very well resembles Dr
Tab. 143. Fig. 37. Lister's Figure, and seems to be a River shell.

- S. B. 5. 15. 15. *Mytilus* Malaccensis, *striis crassis verrucosis.* an *Pedun-
Litt. H. C. 1. 3. culus striis magnis & muricatis donatus* *Litt. Hist. Conch. L. 3.
Tab. 241. Fig. 78.*

The largest of these I have yet met with exceed not Dr *Lister's Figure*, viz. 1 inch $\frac{3}{4}$ long, of which the long-notched hinge takes up 1 and $\frac{1}{4}$, it's just one inch over. I have had this Shell from Malacca, Batavia and Emuy; Mr Colvoill, Surgeon, hath also lately brought it me from Pulo Verara.

- S. B. 5. 16. 16. *Tridacna* Ind. Oriental. *ponderosissima & crassa imbricata.*
*Aldr. Bon. an Tridachnes Aldr. Bon. Test. 446 & 7. Fig. id. Franc. 152.
Tab. 446. & Tab. xi. Fig. 2, 3. Concha Tridachnes Jonst. Amst. Test. Tab. 13.
7 Fig. id. Concha maximamarmorea imbricata Col. Obs. 24 9. c. 14. Fig. 12.
Franc. 152. The great waved Muscle Mus: Reg. Soc. 14 7. 3.
Tab. xi. Fig. 2, 3. For Bulk, Weight and Thickneis it's the largest Shell I ever
Mus. Reg. Soc. saw. Mr Charlton has a pair of these, which weigh near a hun-
p. 147. 3. lin. xi. dred.
Jonst. Amst. 14 ex. Tab. 13.*

dred pounds. My Curious Friend Mr Sylvanus Landon brought me one of them from the *East-Indies*.

Aldrovand *says it's call'd* Tridacna, because the Fish is not to be eat under less than 3 mouthfuls, it has indeed but a small cavity, considering the largeness of the Shell.

17. *Tridacna Indica* Orient. *triquetra, crassa, striata*. Concha *Indica* Bonan. 109. Fig. 81, 82. *Pectunculus major variegatus, profundo sinu conspicuus* List. H. Conch. L. 3. Fig. 187 & 8. Tab. 349 & 50. The Figures of the whole Shell in these 2 Authors are too stiffly represented, but the single Valve pretty well resembles it. Each large ridge is streakt with red, between which are always 2 smaller. The forefaid Mr Landon brought me this from the *Island of Princes*. S. B. 5. 17. Bon. 109. Fig. 81. List. H. C. L. 3. Fig. 187. Tab. 349.

18. *Balanus Chinenfis cristatus*, Gazophyl. *nost*. Naturæ Tab. 6. Fig. 10. S. B. 5. 18. Rond. aq. 28. c. 29. Fig. id. Gal. 21. c. 25. Fig.
an *Balanus* Rondelet. aq. 28. c. 29. Fig. *Balanus marina* Jonst. Amst. aq. Tab. 15. Fig. 12. *Glans de Mer* Rond. aq. Gall. 21. c. 25. Fig. The first I ever saw Mr James Cuninghame brought from China, and gave it to our worthy Friend Dr Grey, since which he hath sent it me from Chusan, an Island near Liampo in China. Jonst. Amst. aq. Tab. 15. Fig. 12.

19. *Cochlea* Ind. Orient. *cinerea, lineis subrufis undatis*. an *Cochlea albida crebris lineis subrufis transversim & undatim ductis depicta* List. H. C. l. 4. S. 5. Tab. 559. Fig. 1. S. B. 5. 19. List. H. C. l. 4. S. 5. Tab. 559. Fig. 1.

My worthy Friend Mr Walter Keir, Surgeon, observed this elegant Shell on the Coasts of India towards China.

20. *Cochlea Bengalensis alba, punctis fuscis*. an *Cochlea clavícula compressa, punctis rufis dense depicta* List. H. C. l. 4. S. 5. Tab. 564. Fig. 11. S. B. 5. 20.

I first received this from Bengale, and since from Malacca, Pullo Verara and Emuy.

21. *Cochlea Emuyaca, orbibus elatis, pulchre granulosis*. an *Cochlea striata & muricata* List. H. C. l. 4. S. 5. Tab. 575. S. B. 5. 21.

The fasciæ of these are flat and smaller, granulated then the next.

22. *Cochlea Emuyaca granulosa, ore serrato*. S. B. 5. 22.

This is properly distinguisht from others by its serrated mouth, which standing below the upper edge makes it seem a double Shell. Mr James Cuninghame, Surgeon, observed this and the last on the Island Emuy on the Coast of China.

23. *Cochlea Malaccensis fasciis maculatis elatis*. an *Cochlea subviridis maculosa, striata, umbilicata* List. H. C. l. 4. S. 5. Tab. 586. Fig. 45. S. B. 5. 23. List. H. C. l. 4. S. 5. Tab. 586. Fig. 45.

This Shell hath a small Navel, the inside Pearly, its *fascia* are thick set, spotted, and in some finely striated crossways, they are alternately big and less. Mr Charles Perry, Surgeon, brought me these amongst a Collection he made me in the East-Indies. I have observed one much larger from Malacca.

S. B. 5. 24.
Gaz. N. Nat.
Tab. 4. Fig. 10.

24. *Cochlea Bengalenfis* ore lacerato, capite sinuoso. Gazoph. nost. Nat. Tab. 4. Fig. 10. an *Cochlea compressa fusca, fasciata, brevior sinu longo ad rostrum notabili* List. H. C. L. 4. S. 5. Tab. 577. Fig. 32. an Bonan. 167. Fig. 385.

This is very remarkable for its ragged mouth and notch in the head. Mr Stocker brought me this from the Bay of Bengale, with a few other uncommon Shells.

S. B. 5. 25.
List. H. C. L. 4.
S. 6. Tab. 595.
Fig. 6.

25. *Nerita Malaccensis, nigris striis leviter fasciatus.* an *Nerita nigricans leviter sulcatus, clavicula parum compressa, multis & exiguis dentibus, ad labrum admodum paucis brevibus & acutis ad columellam* List. H. C. L. 4. S. 6. Tab. 596. Fig. 6.

The fasciated ribs of this are black, and the interstices Horn or Amber colour. Found on the Shoars of Malacca and Emuy by Mr James Cuninghame.

S. B. 5. 26.
List. H. C. L. 4.
S. 6. Tab. 596.
Fig. 4.

26. *Nerita Veraræ, ex albo-nigroque fasciatus, labro verrucoso.* an *Nerita admodum tenuis & levis, raris & profundis sulcis donatusisque nigris, ipsa clavicula flavescente, 2 tribusve brevibus dentibus ad columellam, ad labrum omnino edentulus* List. H. C. L. 4. S. 6. Tab. 596. Fig. 4.

This and the next were brought me from Pulo Verara by my kind Friend Mr Colvil, Surgeon.

S. B. 5. 27.
List. H. C. L. 4.
S. 6. Tab. 598.
Fig. 11.

27. *Nerita Veraræ, ex albo nigroque fasciatus clavicula compressa.* an *Nerita magnus tenuiter striatus, ipsa clavicula & ore interno citrino* List. H. C. L. 4. S. 6. Tab. 598. Fig. 11. This differs from the last in having its clavicula Flat.

S. B. 5. 28.
List. H. C. L. 4.
I. 8 Tab. 617.
Fig. 3. Bon. 125.
Fig. 102. Col.

28. *Trochus ingens ex albo rubroque undatus, ex Insula Priacipis.*

Purp. 14. c. 3. 125. Fig. 102.
Fig. 16. Aldr. Fig. 16.
Bon. Test 363. Francos. Tab. 8. p. 122.
Fig. id Francos. Tab. 8. p. 122.
Fig. Jonst. Amst. 49.
Tab. xi Mus. Reg. Soc. 134. I.

Trochus pyramidalis maximus, late radiatus ex rubro List. H. C. L. 4. S. 6. Tab. 617. Fig. 3. *Trochus magnus & auritus* Bon. Purp. 14. c. 3. 125. Fig. 102. *Turbo exoticus umbilicatus* Col. de Purp. 14. c. 3. Fig. 16. Aldr. Fig. 16. *Trochus alter pyramidalis* Aldr. Bon. Test. 363. Fig. id. Francos. Tab. 8. p. 122. Fig. *Trochus pyramidalis* Jonst. Amst. 49. Aq. exang. Tab. xi. an *Trochus or the short Whirl Mus.* Reg. Soc. 133. I. This is one of the largest Shells of this Family I have yet seen, its base being between 4 and 5 inches over. Mr Sylvanus Landon first brought it me from the Island of Princes, and

I have since received it from *Pulo Verara*, an *Island* in the *Straits* of *Malacca*.

29. *Trochus Malaccensis orbibus muricatis*.

S. B. 5. 29.

Found in the *Straits* of *Malacca* by Mr *James Cuninghame*.

30. *Trochus Benghalensis clavicula longissima*.

S. B. 5. 20.

Trochus pyramidalis fuscus, striatus, clavicula valde producta

Lift. H. C. l. 4.

Lift. H. C. l. 4. S. 8. Tab. 624. Fig. 10. *Strombus admodum pro-*

S. 8. Tab. 624.

ductus decorticatus, colore margaritifera, transversis sulcis cor-

Fig. 10. Bon.

rugatus Bon. p. 124. Fig. 92.

124. Fig. 92.

This is a peculiar *Trochus*, and the longest I have seen, being above 2 inches long, and but one at the base. Its Figures do very well resemble it. I received it first from *Bengale*, and since from *Batavia*.

31. *Trochus Batavicus compressus perelegans, umbilico serrato*

S. B. 5. 31.

tortili. Trochus planior maculatus, umbilico leviter dentato le-

Lift. H. C. l. 4.

vis Lift. H. C. l. 4. S. 8. Tab. 636. Fig. 24. *Trochus centro lata*

S. 8. Tab. 636.

concave, or the *Concave short Whirl* Mus. Regal. Soc. p. 133. 7.

Fig. 24. Bon.

Tab. xi. Fig. d. and u. Bon. 116. Fig. 27 and 8. where it is ele-

116. Fig. 27 &

gantly express.

8. Mus. Regal.

Soc. 133. 7.

Tab. 11.

This is a very curious Shell, and as singular for its flatness as the last was for its length; I have them from several parts of *India*.

32. *Trochus Micowaicus granulosus, ex rubro late undatus*.

S. B. 5. 32.

an *Trochus pyramidalis brevior, ex rubro undatim virgatus, æ-*

Lift. H. C. l. 4.

terum subcaeruleus, striis majusculis nodosis valde asper. Lift. H.

J. 8. Tab. 632.

C. l. 4. S. 8. Tab. 632. Fig. 19.

Fig. 19.

This has a granulated superficies, no bigger than Poppy-seed, it's equally waved with red and greenish, its base hollow, an inch over, and its height much the same. Mr *Charles Dell* first brought me this from the *Island Micowabi*, and I have since received it from *Batavia*.

33. *Concha Veneris Michowaica, typis quasi Hebraicis deline-*

S. B. 5. 33.

ata. Concha Veneris ponderosa, longiuscula & angustior, ven-

Lift. H. C. l. 4.

tre subplano albicante, lateribus crebris maculis nigricantibus in-

9. Tab. 652.

que mediocribus distinctis, dorso velut characteribus quibusdam

Fig. 3.

depicta Lift. H. C. l. 4. Sect. 9. Tab. 658. Fig. 3. the Hebrew

Cowrie.

I have received this from *Micowabi*, *Pulo Verara*, *Fort St George*, and other places in the *East Indies*; Mr *Barkley*, *Surgeon*, brought it me also from *Madagascar*. These Shells differ very much, both in respect to their magnitude and colour, some being

being clouded with dark *Fasciæ*, others have a pale list the length of the Shell on one side, with whitish spots intersperst amongst the Characters. The length of the largest I have met with has been 4 inches, and 2 the least.

S. B. 5. 34. 34. *Concha Veneris Madagascara albescens, oblonga, lineolis punctata, extremitatibus croceis.* *Concha Veneris cinerea, ventre candido, utroque capite croceo, dorso nigris lineolis & puncturis depicta* List. H. C. l. 4. S. 9. Tab. 660. Fig. 4.

Mr Sylvanus Landon brought me this first from the Island of Princes, and Mr Edward Bulkley hath since sent it me from Fort St George; but our worthy Patron Dr Lister hath long since had them from Madagascar and the *Maurushia's*.

S. B. 5. 35. 35. *Concha Veneris Emuyaca albida minor, levis, circulo croceo* Gazoph. List. Nat. Tab. 6. Fig. 8. *Concha Veneris* 4. Rond. *aquatil.* 102. c. 37. Fig. *id* Gallic. 68. Fig. c. 31. Aldr. Bon. Test. 555. Fig. *id* Francof. 181. Tab. 17. Fig. 16. *descript.* p. 183. col. 1. lin. 41.

This differs from the Guinea Gowerie Mus. nost. 19. in being smooth, and having a lastron circle. The references therefore to *Rondeletius* (whose Figure and description agrees very well with this) ought there to be left out, for I had not then seen this Shell.

Mus. Petiv. 19. 26. *Periscus Batavicus minor quin-dentibus dextris.* an *Buccinum Pericum parvum, sublividum, leviter ex fusco fasciatum* S. B. 5. 36. List. H. C. l. 4. S. xi. Tab. 803. Fig. 11.

This agrees with Dr Lister's Figure in shape and bigness.

S. B. 5. 37. 37. *Buccinum Emuyacum parvum, fasciis striatis & nodosis.* These are about an inch and $\frac{1}{2}$ long, and $\frac{3}{4}$ broad, some of these have Teeth deep within the Mouth, others on the Lips, and some none at all.

S. B. 5. 38. 28. *Murex Orientalis, aculeis plurimis longissimis.* *Purpura echinata Imperati Ital.* Fig. 686. desc. 679. 4. lin. 31. *Purpura clavata* five *Murex parvus rostratus* Col. Obs. aq. Fig. 60. 31. Col. obs. *Purpura altera muricata* five *Murex rostratus parvus* Ejusd. 64. aq. Fig. 60. c. 33. *Purpura aculeis plicatis longissimis, or the Purple Wilk* desc. 64 c. 33. with long plated spikes Mus. Regal. Soc. 129. 2. lin. 9.

Olear. Tab. 29. *Buccinum ampullaceum rostratum striatum, triplice ordine* Fig. 1. Mus. *marcium exasperatum* List. H. C. l. 4. Sect. 13. Tab. 902. Fig. Reg. f. 129. 3. lin. 9. List. *Buccinum ampullaceum fuscum rostratum striatum triplicior-* H. C. 4 f. 133. *dine muricum exasperatum, apice mediocriter producto* Mus. Sib- Tab. 902 Fig. 22. bald.

Mus. Sibb. 154.

bald. 154. 1. *lin.* 5. an *Purpura aculeata seu Isthrix marina Bonan.* 1. l. 5. Bon.
150. Fig. 269. *Sconciglio spinosa Neapolitanis.* 150. Fig. 269.

Columna's Figure (most particularly) and the rest, give that resemblance of the Shell, that is not easily to be express'd in words.

I have had this elegant Shell from 2 or 3 places in the *East Indies*, viz. *Malacca, Pulo Verara, &c.*

39. *Oxyrynchus Batavicus castaneus, fasciis albis, columella dentata.*

This is an inch and $\frac{1}{2}$ long and $\frac{1}{2}$ inch thick, of a Chestnut colour, with three white girdles in the middle part, each end is pointed, and the columella or right lip is furrowed, its mouth $\frac{3}{4}$ long, and not $\frac{1}{4}$ wide.

40. *Murex Micowaicus rostro canulato fasciatus, plicis elatis rugosis.* 2n *Buccinum rostratum labro duplicato, ipso ore exiguo rotundo, senis plicaturis striatis descriptum* Lift. H. C. 1. 4. S. B. 5. 40. 14. Tab. 948. Fig. 43.

Mr Charles Dell brought me this first from *Micowahi*, and *Mr Edward Bulkley* hath since sent it me from *Fort St George*.

41. *Bu-cochlea Micowaica, umbilicata, maculis subflavis, gyris alte incis.* S. B. 5. 41.

42. *Unicornu Bengalenfe, cancellatum, ore rotundo.* S. B. 5. 42.
About 2 inches long, and at the head one broad, it's composed of about 8 twirls, which are lattic'd, i. e. both striated and fasciated.

I have receiv'd this both from *Bengale* and *Batavia*.